

# Environmental Meter PCE-555BT



**Environmental meter with Bluetooth interface / LC display / Exchangeable battery /  
Automatic switch-off / Stand mount / Measuring range up to 60 °C /  
Ambient humidity, ambient temperature, dew point, wet bulb temperature**

With the environmental meter it is possible to determine the humidity, ambient, wet bulb and dew point temperature. Measurements up to 60 °C are possible with the environmental measuring device. The environmental measuring device can therefore be used universally because of its various measuring functions in order to determine the environmental conditions. With a high accuracy of  $\pm 0.5$  °C and  $\pm 3.5\%$  RH, the environmental measuring device determines the current measured value very precisely. The environmental measuring device is used, for example, to check the climatic conditions in offices, cold rooms or in greenhouses.

The environmental meter with Bluetooth interface can establish a direct connection to an Android or iOS device. This makes it possible to expand the environmental measuring device with a mobile device. With the free "MeterboxPro" app, the measured values from the environmental measuring device can then be displayed in a table or graph on an Android or iOS system. At the same time, they act as data loggers. The recorded measurement data are saved in CSV file format after a measurement.

- ▶ **Bluetooth interface for Android and iOS**
- ▶ Temperature measurement up to 60 °C / 140 °F
- ▶ LC display with backlight
- ▶ Wet bulb temperature
- ▶ Humidity measurement up to 100% RH
- ▶ MIN / MAX / HOLD function
- ▶ Automatic shutdown
- ▶ Dew point temperature

# Specifications

<b>Measuring range humidity</b>	0 ... 100 % RH
Resolution	0.1 % RH
Accuracy	±3.5 % RH at (20 ... 80 % RH), Rest ±5 % RH
<b>Measuring range ambient temperature</b>	-20 ... 60 °C, -4 ... 140 °F
Resolution	0.1 °C, 0.1 °F
Accuracy	±0.5 °C / 0.9 °F at (0 ... 40 °C), Rest ±1 °C / 1.8 °F
<b>Measuring range wet bulb temperature</b>	0 ... 60 °C, 32 ... 140 °F
Resolution	0.1 °C, 0.1 °F
Accuracy	±0.5 °C / 0.9 °F at (0 ... 40 °C), Rest ±1 °C / 1.8 °F
<b>Measuring range dew point temperature</b>	-20 ... 60 °C, -4 ... 140 °F
Resolution	0.1 °C, 0.1 °F
Accuracy	±0.5 °C / 0.9 °F at (0 ... 40 °C), Rest ±1 °C / 1.8 °F
Display	LC display with backlight
Interface	<b>Bluetooth</b>
Mount	3/8" tripod thread
Automatic shutdown	after 15 minutes of inactivity (deactivation possible)
Operating conditions	0 ... 50 °C (32 ... 122 °F) < 80 % RH non-condensing
Storage conditions	-20 ... 60 °C (-4 ... 140 °F) < 80 % RH non-condensing
Power supply	9 V block battery
Dimensions	204 x 54 x 36 mm / 8.0 x 2.1 x 1.4"
Weight	172 g / 6 oz

Subject to change